

# **Special Session: The First Five Years of Monitoring the Channel Islands Marine Protected Area Network**

**Thursday, February 7<sup>th</sup> – Friday, February 8<sup>th</sup>**

Embassy Suites, Mandalay Beach - Hotel & Resort, Mandalay Ballroom  
2101 Mandalay Beach Road in Oxnard, California  
[www.mandalaybeach.embassysuites.com](http://www.mandalaybeach.embassysuites.com)  
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## **Free and open to the public**

On Thursday evening and all day Friday, California Department of Fish and Game, Channel Islands National Marine Sanctuary, Channel Islands National Park and the Partnership for Interdisciplinary Studies of Coastal Oceans (PISCO) at the University of California, Santa Barbara are sponsoring a special session on the first five years of monitoring marine protected areas (MPAs) around the Channel Islands. In 2003, a network of 10 marine reserves and 2 marine conservation areas was implemented in state waters of the Channel Islands National Marine Sanctuary. The second phase of the network of marine protected areas was implemented by the Channel Islands National Marine Sanctuary in 2007. In 2008, the California Fish and Game Commission will conduct a 5-year review of the state marine protected areas. This special session is a first step in gathering information about the status of the marine reserves for the 5-year progress report.

## **Thursday, February 7<sup>th</sup>, 6:00 - 9:00 pm - Education and Compliance**

This session will feature presentations on marine reserve education and outreach, as well as compliance with marine reserves regulations.

## **Friday, February 8<sup>th</sup>, 8:00 am - 5:00 pm - Biological and Socioeconomic Monitoring**

Presentations will include those by scientists from academic, agency, and non-profit organizations working in Channel Islands marine protected areas. Biological monitoring programs that monitor species abundance and distribution, size, movement, ecosystem effects, and habitat changes will be presented. In the afternoon, the socioeconomics of marine protected areas, including recreational and commercial fishery economics, vessel distribution, and boater use of the islands, will be featured.

*The special session on monitoring the Channel Islands marine protected areas will be held in the Mandalay Ballroom, and **admission is free**; you do not have to be registered for the Seventh California Islands Symposium to attend the special session.*

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Thursday, February 7<sup>th</sup>

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## EDUCATION AND COMPLIANCE Mandalay Bay Ballroom

### Session 1: Welcome, Education and Outreach

Chair: Julie Bursek

- 6:00 – 6:15 P.M. **Ugoretz, John, Chris Mobley, and Russell Galipeau**  
Opening remarks and overview of the special session
- 6:15 – 6:30 P.M. **Ugoretz, John**  
History of the Channel Islands marine protected areas
- 6:30 – 7:00 P.M. **Bursek, Julie**  
Strategies to promote public understanding, support and stewardship of the Channel Islands marine protected areas
- 7:00 – 7:15 P.M. **French, Catherine**  
Adopt-A-Business: An approach to effectively reach businesses that provide services to Channel Islands recreational users
- 7:15 – 7:30 P.M. Open forum, public questions, and comments

### Session 2: Compliance and Enforcement

Chair: Sean Hastings

- 7:45 – 8:05 P.M. **Fitzgerald, Jack**  
Channel Islands National Park Marine Enforcement Program
- 8:05 – 8:25 P.M. **Steward, Brittany**  
United States Coast Guard Aerial and Vessel Marine Enforcement Program
- 8:25 – 8:45 P.M. **Takayama, Roland**  
Department of Fish and Game Marine Enforcement Program
- 8:45 – 9:00 P.M. Open forum, public questions, and comments

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Friday, February 8<sup>th</sup>

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## ECOLOGICAL AND SOCIOECONOMIC MONITORING Mandalay Bay Ballroom

### Session 1: Welcome and Background

Chair: Satie Airamé

- 8:00 – 8:20     **Ugoretz, John, Chris Mobley, and Russell Galipeau**  
Opening remarks and overview of the special session
- 8:20 – 8:40     **Ugoretz, John**  
Monitoring the Channel Islands marine protected areas: Overview
- 8:40 – 9:00     **Davis, Gary**  
Marine ecology and oceanography of the Channel Islands
- 9:00 – 9:20     **Cochrane, Guy**  
The seafloor around the Channel Islands

### Session 2: Ecological Monitoring

Chair: John Ugoretz

#### Topic: Evaluating changes in abundance and size of fishes and invertebrates

- 9:40 – 10:00     **Kay, Matt, Hunter Lenihan, Chris Miller, and Kristine Barsky**  
Influence of Channel Islands marine reserves on California spiny lobster:  
Results of a collaborative trapping program designed to nurture regional  
community-based fishery management
- 10:00 – 10:40     **Caselle, Jenn, Scott Hamilton, Dan Malone, David Kushner, and Mark Carr**  
How do patterns of abundance and size structure differ between fished and  
unfished waters in the Channel Islands? Results from SCUBA surveys
- 10:40 – 11:00     **Hamilton, Scott, Jenn Caselle, Dan Malone, David Kushner, and Mark Carr**  
Differences between marine communities in the Channel Islands marine  
reserves and surrounding waters
- 11:00 – 11:20     **Karpov, Konstantin A., Andy Lauermann, and John J. Geibel**  
Detecting changes in abundance of fishes in the northern Channel Islands  
marine protected areas using Remotely Operated Vehicles (ROVs)
- 11:20 – 11:40     **Semmens, Brice, Steve Katz, and Christy Pattengill-Semmens**  
A hierarchical analysis of trends in common rocky reef fish species: Evidence of  
reserve effects using the REEF Survey Program Database
- 11:40 – 12:00     Open forum, public questions and comments

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## Session 3: Ecological Monitoring

Chair: John Ugoretz

### Topic: Movement of fish relative to marine protected area boundaries

- 1:00 – 1:20     **Lowe, Chris**  
How far do fish move relative to marine protected area boundaries?  
Understanding the influence of habitat on fish movements
- 1:20 – 1:40     **Lindholm, James**  
How far do fish move relative to marine protected area boundaries? Results from acoustic tagging of fish in the Channel Islands

### Topic: Naturalness and stability of marine ecosystems

- 1:40 – 2:00     **Kinlan, Brian**  
Changes in kelp forest habitats in and around the Channel Islands Marine Protected Areas
- 2:00 – 2:20     **Salomon, Anne, Nick Shears, Steve Katz, and David Kushner**  
How do marine ecosystems in fully protected reserves compare to surrounding areas?

## Session 4: Socioeconomic Monitoring

Chair: Sean Hastings

- 2:40 – 3:00     **Hastings, Sean, and Chris LaFranchi**  
History of socioeconomic monitoring in the Channel Islands marine protected areas
- 3:00 – 3:20     **Senyk, Natalie, Ben Waltenberger, and David Greenberg**  
Changes in vessel distributions in the Channel Islands National Marine Sanctuary before and after state marine protected areas were established
- 3:20 – 3:40     **Bergen, Mary**  
Changes in commercial fishery catch and landings for selected fishes and invertebrates in the Channel Islands region and southern California
- 3:40 – 4:00     **Guenther, Carla**  
Socioeconomic changes in the California spiny lobster fishery around the Channel Islands
- 4:00 – 4:20     **Ryan, Connie, Laura McGarvie, Ashok Sadrozinski, Wendy Dunlap-Harding, and Chris La Franchi**  
Recreational fishing effort and catch for selected fishes in the Channel Islands region, 2000-2006
- 4:20 – 4:40     **LaFranchi, Chris, Linwood Pendleton, and Allison Chan**  
Socioeconomic monitoring in the Channel Islands: Establishing baseline data on boating and boater activities

## Session 5: Conclusion and Wrap Up

- 4:40 – 5:00     **Ugoretz, John**  
Putting the pieces together: Conclusions from monitoring the Channel Islands marine protected areas